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| FORM PTO-1390<br>(REV. 11-2000)   |  | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE        |  | ATTORNEY'S DOCKET NUMBER<br><b>016230-9004</b>                      |  |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b>   |  |  |  | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br><b>09/890888</b> |  |
| INTERNATIONAL APPLICATION NO.<br><b>PCT/US00/03488</b>  |  | INTERNATIONAL FILING DATE<br><b>8 February 2000 (08.02.00)</b> |  | PRIORITY DATE CLAIMED<br><b>8 February 1999 (08.02.99)</b>          |  |
| TITLE OF INVENTION<br><b>FILAMENTARY MEANS FOR INTRODUCING AGENTS INTO CELLS</b>  |  |  |  |   |  |
| APPLICANT(S) FOR DO/EO/US<br><b>Thomas H. Barrows</b>   |  |  |  |   |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |  |  |  |   |  |
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information: <b>return receipt postcard.</b></li> </ol> |  |  |  |   |  |
| <div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center; margin: 0;">CERTIFICATION UNDER 37 CFR 1.10</p> <p style="font-size: small; margin: 0;">I hereby certify that this correspondence is being deposited with the United States Postal Service on this date, <u>August 7</u>, 2001 in an envelope as "Express Mail Post Office to Addressee," mailing Label Number EL453984951US, addressed to the: Box PCT, Commissioner for Patents, Washington, DC 20231.</p> <p style="margin: 0;">By: <u>Leslie Rector</u></p> </div>   |  |  |  |   |  |

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| U.S. APPLICATION NO. (known) 31 (CFR 1.55)<br><b>09/890888</b> |  | INTERNATIONAL APPLICATION NO.<br><b>PCT/US00/03488</b> |  | ATTORNEY'S DOCKET NUMBER<br><b>016230-9004</b> |  |
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| 21. <input checked="" type="checkbox"/> The following fees are submitted:<br><b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b><br>Neither international preliminary examination fee (37 CFR 1.482)<br>nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO<br>and International Search Report prepared by the EPO or JPO. .... <b>\$1000.00</b><br><br>International preliminary examination fee (37 CFR 1.482) not paid to<br>USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$860.00</b><br><br>International preliminary examination fee (37 CFR 1.482) not paid to USPTO<br>but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$710.00</b><br><br>International preliminary examination fee (37 CFR 1.482) paid to USPTO<br>but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$690.00</b><br>International preliminary examination fee (37 CFR 1.482) paid to USPTO<br>and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100.00</b><br><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b> |                     |                     |             | <b>CALCULATIONS PTO USE ONLY</b><br><br><br><br><br><br><br><br><br><br> |    |
|  |                     |                     |             | \$ 690.00  |    |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30<br>months from the earliest claimed priority date (37 CFR 1.492(e)).   |                     |                     |             | \$ 0.00  |    |
| <b>CLAIMS</b>  | <b>NUMBER FILED</b> | <b>NUMBER EXTRA</b> | <b>RATE</b> | <b>\$</b>  |    |
| Total claims   | 36 - 20 =           | 16                  | x \$18.00   | \$ 288.00  |    |
| Independent claims   | 8 - 3 =             | 5                   | x \$80.00   | \$ 400.00  |    |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)  |                     |                     | + \$270.00  | \$ 0.00  |    |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |                     |                     |             | \$ 1,378.00  |    |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above<br>are reduced by 1/2.   |                     |                     |             | \$ 689.00  |    |
| <b>SUBTOTAL =</b>  |                     |                     |             | \$ 689.00  |    |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30<br>months from the earliest claimed priority date (37 CFR 1.492(f)).  |                     |                     |             | \$ 0.00  |    |
| <b>TOTAL NATIONAL FEE =</b>  |                     |                     |             | \$ 689.00  |    |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be<br>accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +  |                     |                     |             | \$ 0.00  |    |
| <b>TOTAL FEES ENCLOSED =</b>   |                     |                     |             | \$ 689.00  |    |
|  |                     |                     |             | Amount to be<br>refunded:  | \$ |
|  |                     |                     |             | charged:   | \$ |

  

a. ☒ A check in the amount of \$ 689.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. 50-0842. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card**  
information should not be included on this form. Provide credit card information and authorization on PTO-2038.

  

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR  
1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Grady J. Frenchick  
 Michael Best & Friedrich LLP  
 One South Pinckney Street, Suite 700  
 P.O. Box 1806  
 Madison, Wisconsin 53701-1806

SIGNATURE  
Grady J. Frenchick  
 NAME  
29,018  
 REGISTRATION NUMBER